

Human Interferon induced GTP binding protein Mx1 (MX1) ELISA Kit | MX1 elisa kit

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CATALOG #
AAA244695

REACTIVITY
Human

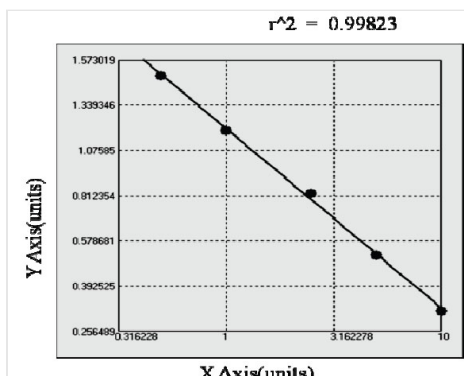
PRODUCT SYNONYMS

Interferon induced GTP binding protein Mx1 (MX1); Human Interferon induced GTP binding protein Mx1 (MX1) ELISA Kit; MX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This MX1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MX1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MX1 elisa kit

Principle of the assay: MX1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MX1 antibody and an MX1-HRP conjugate. The assay sample and buffer are incubated together with MX1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MX1 concentration since MX1 from samples and MX1-HRP conjugate compete for the anti-MX1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MX1 from the sample, fewer sites are left to bind MX1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MX1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295842578
NCBI GeneID	4599
NCBI Accession #	NP_001171517.1
NCBI GenBank Nucleotide #	NM_001178046.2
Molecular Weight	55,661 Da
NCBI Official Full Name	interferon-induced GTP-binding protein Mx1 isoform a
NCBI Official Synonym Full Names	MX dynamin-like GTPase 1
NCBI Official Symbol	MX1
NCBI Official Synonym Symbols	MX; MxA; IFI78; IFI-78K
NCBI Protein Information	interferon-induced GTP-binding protein Mx1; myxoma resistance protein 1; interferon-induced protein p78; interferon-inducible protein p78; interferon-regulated resistance GTP-binding protein MxA; myxovirus (influenza virus) resistance 1, interferon-inducible protein p78
UniProt Protein Name	Interferon-induced GTP-binding protein Mx1
UniProt Gene Name	MX1
UniProt Synonym Gene Names	IFI-78K
UniProt Entry Name	MX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.